



Office de la Propriété
Intellectuelle
du Canada

Un organisme
d'Industrie Canada

Canadian
Intellectual Property
Office

An agency of
Industry Canada

CA 2433376 A1 2002/08/15

(21) 2 433 376

(12) DEMANDE DE BREVET CANADIEN
CANADIAN PATENT APPLICATION

(13) A1

(86) Date de dépôt PCT/PCT Filing Date: 2002/01/02

(87) Date publication PCT/PCT Publication Date: 2002/08/15

(85) Entrée phase nationale/National Entry: 2003/06/27

(86) N° demande PCT/PCT Application No.: US 2002/000137

(87) N° publication PCT/PCT Publication No.: 2002/062291

(30) Priorité/Priority: 2001/01/02 (09/753,758) US

(51) Cl.Int.⁷/Int.Cl.⁷ A61N 1/05

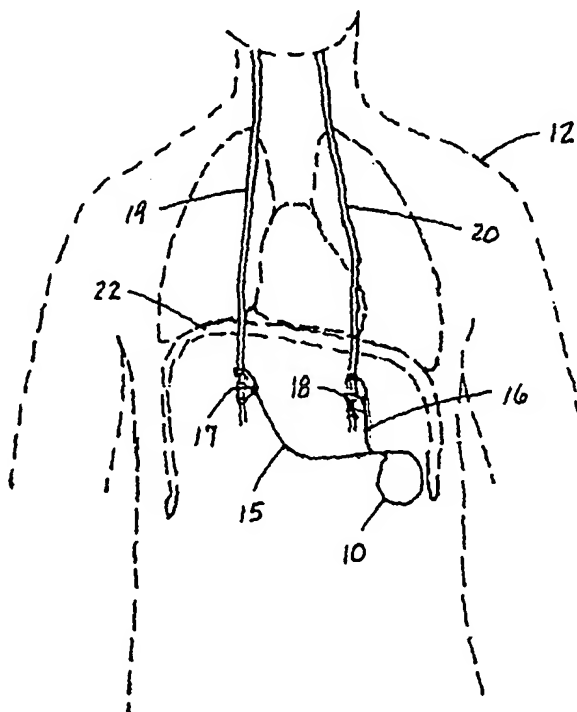
(71) Demandeur/Applicant:
CYBERONICS, INC., US

(72) Inventeurs/Inventors:
BARRETT, BURKE T., US;
ROSLIN, MITCHELL S., US

(74) Agent: BERESKIN & PARR

(54) Titre : TRAITEMENT DE L'OBESITE PAR STIMULATION DES NERFS SOUS DIAPHRAGMATIQUES

(54) Title: TREATMENT OF OBESITY BY SUB-DIAPHRAGMATIC NERVE STIMULATION



(57) Abrégé/Abstract:

A method and apparatus for treating obese or other patients with compulsive overeating disorder includes unilaterally or bilaterally stimulating one or both of the left and right branches (19, 20) of a patient's vagus nerve directly or indirectly with an electrical pulse signal generated by an implantable neurostimulator (10) with at least one operatively coupled nerve electrode (17, 18) to apply the pulse signal to the selected nerve branch at a location below the patient's diaphragm (22). The implantable neurostimulator (10) is programmable to enable physician programming of electrical and timing parameters of the pulse signal, to induce weight loss of the patient.

Canada

<http://opic.gc.ca> · Ottawa-Hull K1A 0C9 · <http://cipo.gc.ca>

OPIC · CIPO 191

OPIC



CIPO